

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A wireless LAN utilizability detecting system comprising:

a housing detachably mounted on a data terminal device, said data terminal device having a main power supply[[,]];

a wave intensity detecting means disposed at least partly inside the housing and serving configured to obtain a detection output corresponding to a wave in a predetermined wireless LAN band; [[and]]

a detection output means disposed in the housing and serving configured to generate an output representing a content as to whether the wireless LAN is utilizable based on the output of the wave intensity detecting means; and

a separate power supply configured to provide power for said wave detecting means even when the main power supply of the data terminal device is off.

2. **(Original)** The wireless LAN utilizability detecting system according to claim 1, wherein the housing constitutes an adapter for mounting a wireless LAN card on the pertinent data terminal device.

3. **(Original)** The wireless LAN utilizability detecting system according to claim 1, wherein the housing constitutes a housing of a wireless LAN card.

4. **(Currently Amended)** The wireless LAN utilizability detecting system according to claim 1, wherein the ~~wave intensity detecting means operates without being supplied by power from a separate power supply but by provides power obtained to the wave intensity detecting means~~ by receiving a wave in a predetermined wireless LAN band.

5. **(Currently Amended)** The wireless LAN utilizability detecting system according to claim 1, wherein the wave intensity detecting means includes a comparing means for comparing the intensity of a detected wave in the predetermined wireless LAN band and generating an output corresponding to the comparison result as output of the wave intensity detecting means.

6. **(Original)** The wireless LAN utilizability detecting means according to claim 1, wherein the detection output means is arranged to output a signal for starting the data terminal device based on the output of the wave intensity detection means.

7. **(Original)** The wireless LAN utilizability detecting system, according to claim 1, wherein the detection output means is arranged to drive a display means provided on the housing according to the output of the wave intensity detecting means.

8. **Original)** The wireless LAN utilizability detecting system according to claim 7, wherein an LED is used as the display means.

9. **(Original)** The wireless LAN utilizability detecting system according to claim 2, in which the housing includes a wireless LAN card side connector, a data terminal device side connector and an inter-connector bus inter-connecting the two connectors, and which

further comprises an active checking means for checking whether the inter-connector bus is active and, when the inter-connector is found to be active, rendering the wave intensity detecting means or the detection output means inoperative.

10. (Currently Amended) A wireless LAN utilizability detecting method, in which a wireless LAN utilizability detecting system comprising a housing is detachably mounted on a data terminal device, a wave intensity detecting means disposed at least partly on the housing and serving to obtain a detection output corresponding to the intensity of a wave in a predetermined wireless LAN band, and a detection output means for generating, based on the output of the wave intensity detecting means, an output representing a content as to whether the wireless LAN is utilizable, is mounted in the pertinent data terminal device, said method comprising:

~~when it receives receiving~~ an output from the detection output means of the wireless LAN utilizability detecting system[[],];

~~it checks checking~~ whether the value of the received output and a predetermined value are identical[[],];

~~when if~~ the identity is recognized, initiating it causes an automatic start operation[[],];

~~when if~~ the identity is not recognized, maintaining it holds a waiting state[[],];

~~when after initiating~~ the automatic start operation ~~is made~~, ~~it checks checking~~ whether the pertinent wireless LAN can perform authentication[[],];

~~when it is decided that if~~ authentication can be performed, ~~it does an~~ informing operation ~~to inform to the~~ a user that the user can perform actual communication[[],];

~~and when it is not decided that if authentication can not be done, it turns off the turning off the separate power supply.~~

11. (Original) The wireless LAN utilizability detecting method according to claim 10, wherein ~~the informing operation~~ said informing is performed by generation of voice, image display or generation of vibrations.

12. (Currently Amended) The wireless ~~LAN~~ utilizability detecting method according to claim 10, wherein ~~the informing operation~~ said informing is performed by generating a call to a portable telephone set or a PHS by a short message service.

13. (Currently Amended) The wireless LAN utilizability detecting method according to claim 10, ~~in which further comprising enabling the data terminal device to transmission transmit and reception receive of electronic mails are made as well based on the informing operation.~~

14. (Currently Amended) The wireless LAN utilizability detecting method according to claim 10, ~~in which further comprising enabling the data terminal device to collect data from a particular web page~~ data is automatically collected as well based on the informing operation.